Figure 1—The Skinner and Larkin (1998) relationship (Eq. 1).
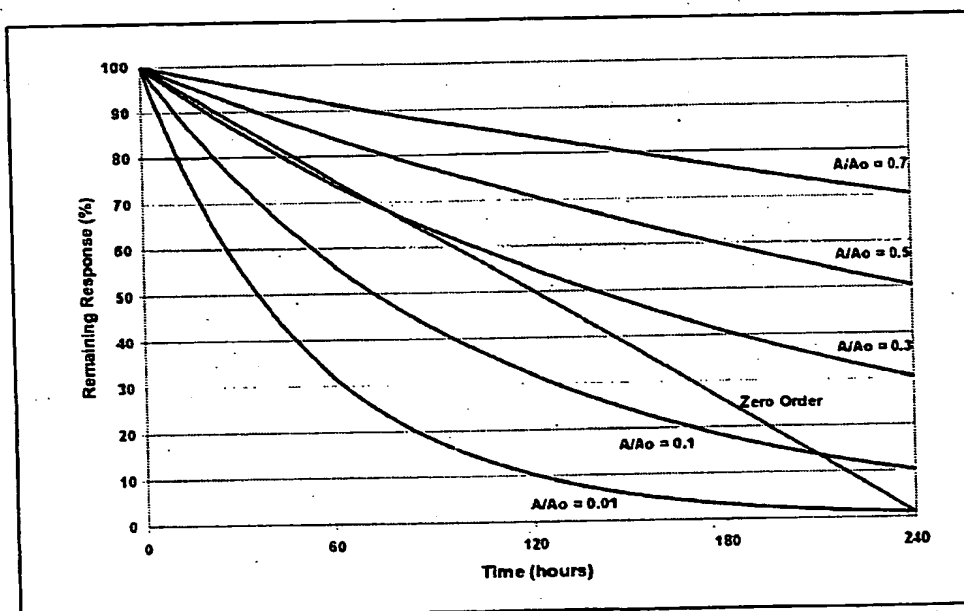
Figure 2—Possible response paths of the Vitsab® M2-10 TTI under constant temperature storage at 2°C, assuming zero and first order kinetics
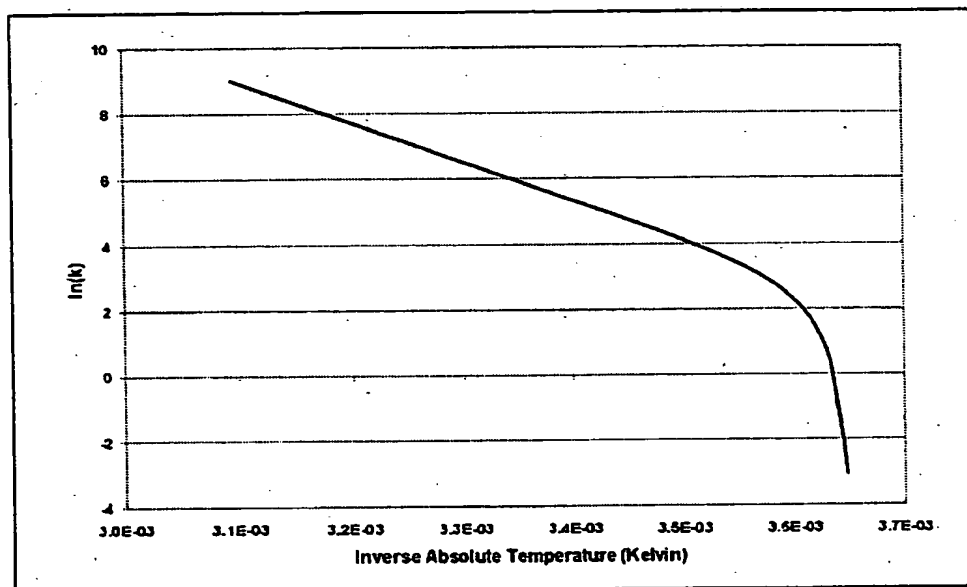
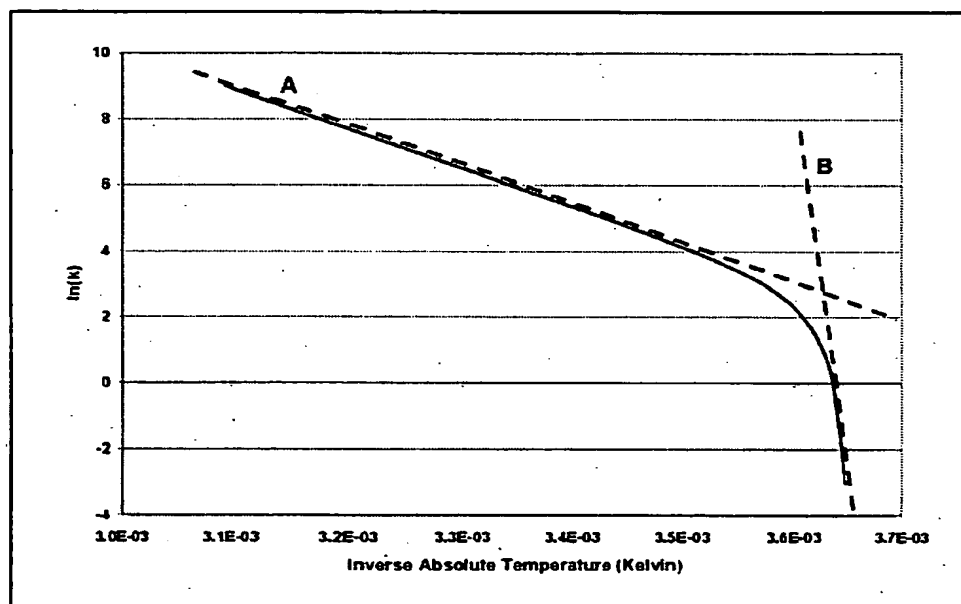**Figure 3—Arrhenius plot of Skinner and Larkin (1998) formula assuming zero-order kinetics**

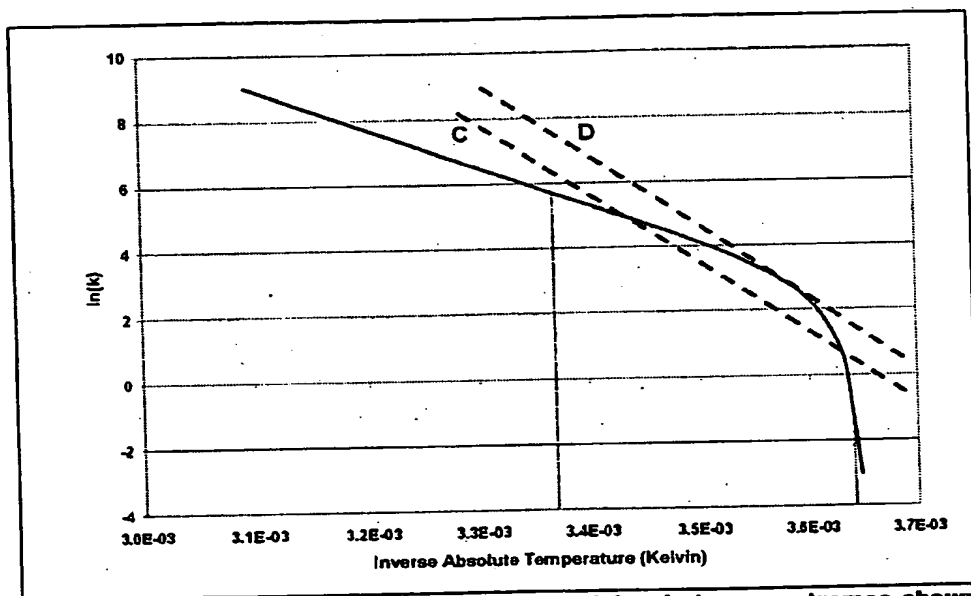**Figure 4—Depiction of extremes for specifying zero-order TTI performance**

Figure 5—Arbitrary approaches for compromising between extremes shown in Figure 4.
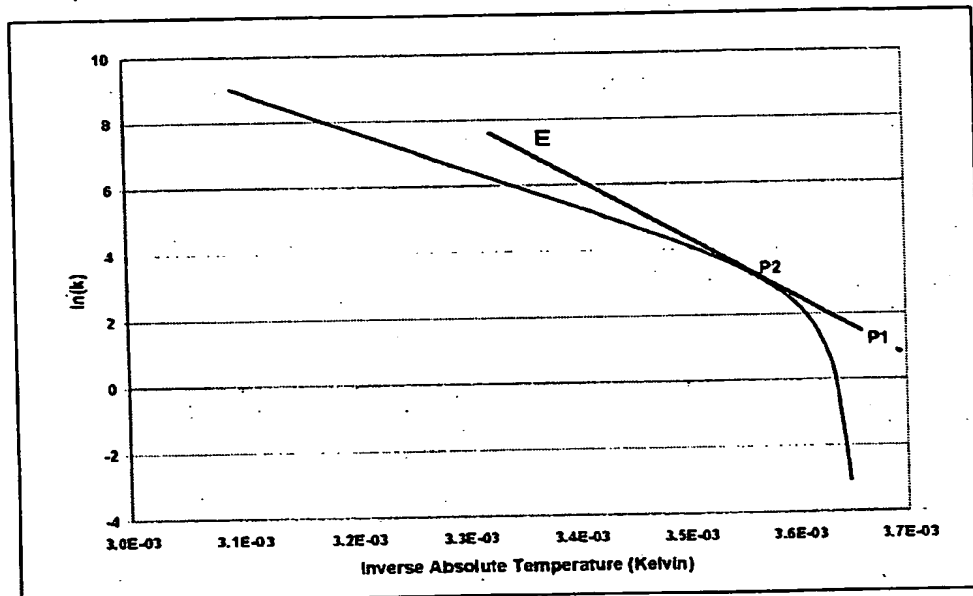
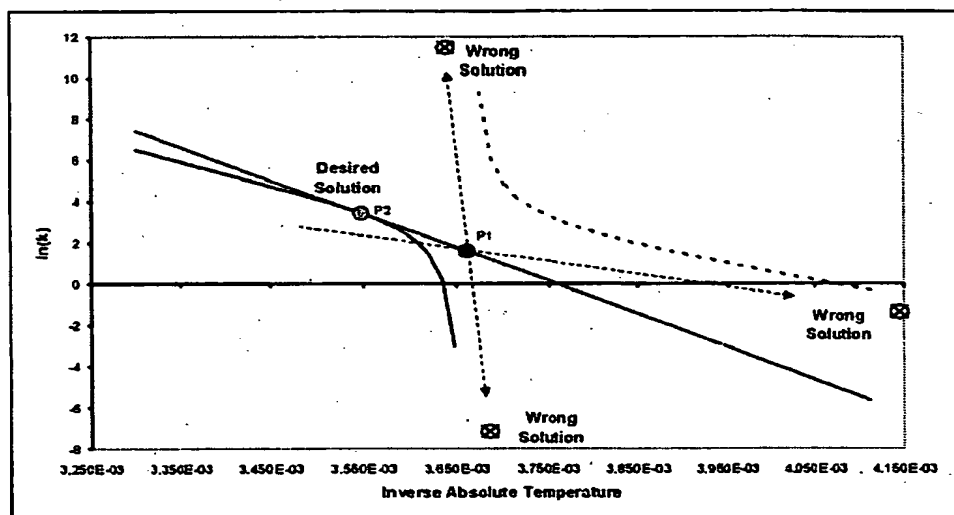**Figure 6—Proposed method for specifying zero-order TTI performance.**

Figure 7—Desired tangent line that contains P1 must either be selected from more than one possible solution, or the search for P2 must be constrained to the region of particular physical interest
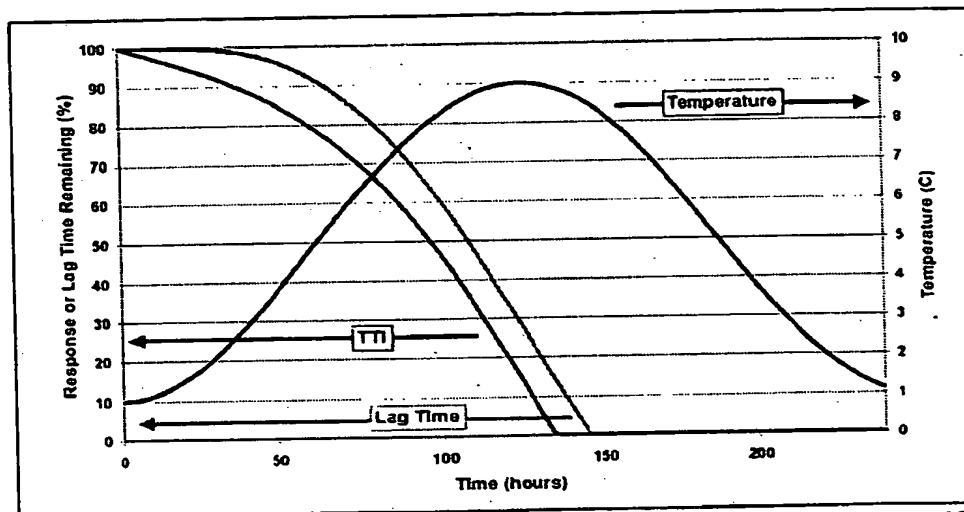
Figure8—Simulation of TTI performance (P1 specified by 18-d shelf-life at 1 °C) versus Skinner & Larkin (1998) lag-time under abusive distribution conditions.
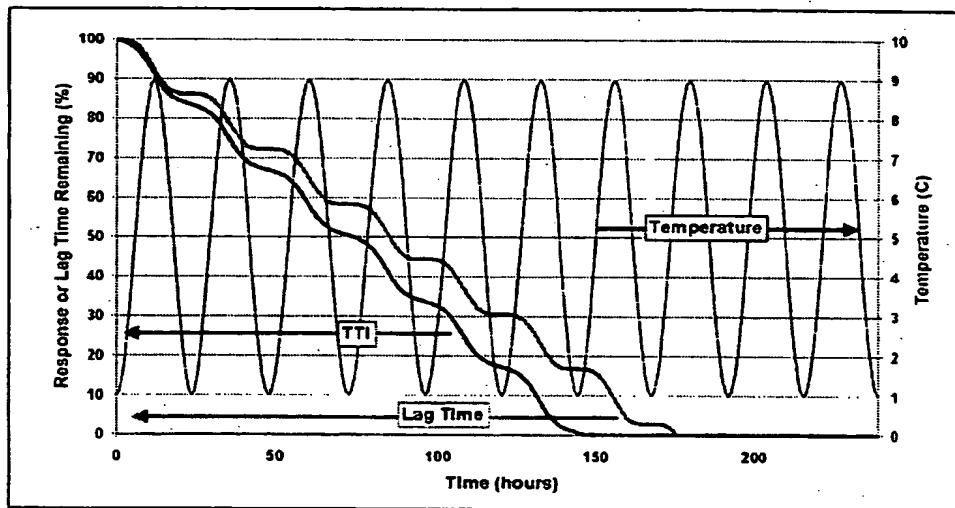
Figure 9—Simulation of TTI performance (P1 specified by 18-d shelf-life at 1 °C) versus Skinner & Larkin (1998) lag-time under abusive daily temperature cycles.
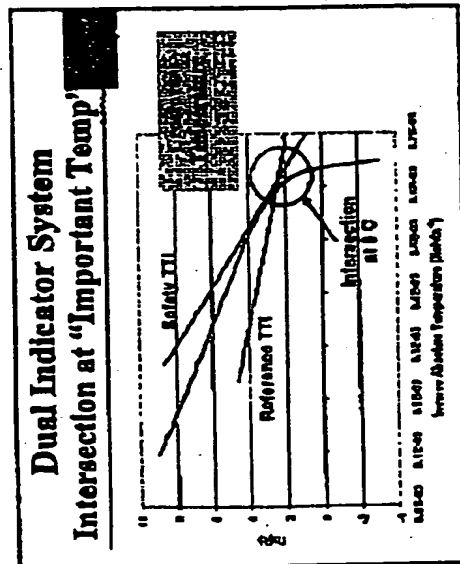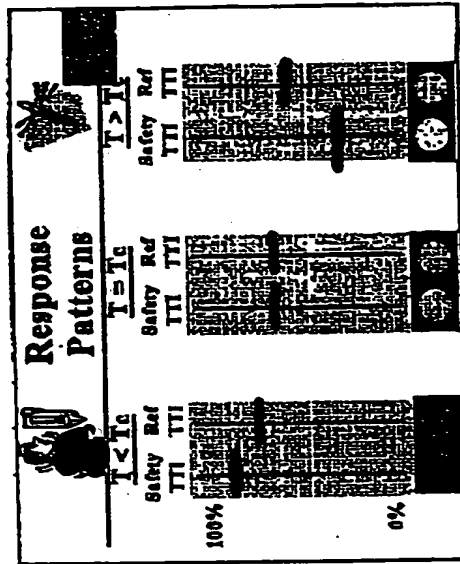
Dual Indicator System

Intersection at "Important Temp"

FIG. 10

Response Patterns

FIG. 11